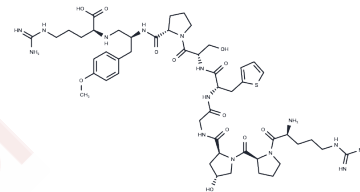


Labradimil

Chemical Properties

CAS No. :	159768-75-9
Formula:	C49H75N15O12S
Molecular Weight:	1098.29
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Labradimil is a bradykinin B2 receptor agonist. Labradimil increases the permeability of human brain microvascular endothelial cell monolayers. Labradimil enhances delivery of hydrophilic chemotherapeutics and increases survival in rats with metastatic tumors in the brain. Labradimil increases carboplatin levels in brain tumors after pretreatment with dexamethasone.
Targets(IC50)	Bradykinin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9105 mL	4.5525 mL	9.1051 mL
5 mM	0.1821 mL	0.9105 mL	1.821 mL
10 mM	0.0911 mL	0.4553 mL	0.9105 mL
50 mM	0.0182 mL	0.0911 mL	0.1821 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Kuo YC, Lee CL. Methylmethacrylate-sulfopropylmethacrylate nanoparticles with surface RMP-7 for targeting delivery of antiretroviral drugs across the blood-brain barrier. *Colloids Surf B Biointerfaces*. 2012 Feb 1;90:75-82. doi: 10.1016/j.colsurfb.2011.09.048. Epub 2011 Oct 6. PubMed PMID: 22024400.

Packer RJ, Krailo M, Mehta M, Warren K, Allen J, Jakacki R, Villablanca JG, Chiba A, Reaman G. A Phase I study of concurrent RMP-7 and carboplatin with radiation therapy for children with newly diagnosed brainstem gliomas. *Cancer*. 2005 Nov 1;104(9):1968-74. PubMed PMID: 16177987.

Packer RJ, Krailo M, Mehta M, Warren K, Allen J, Jakacki R, Villablanca JG, Chiba A, Reaman G. Phase 1 study of concurrent RMP-7 and carboplatin with radiotherapy for children with newly diagnosed brainstem gliomas. *Cancer*. 2005 Sep 15;104(6):1281-7. PubMed PMID: 16078267.

Zhang X, Xie Y, Jin Y, Hou X, Ye L, Lou J. The effect of RMP-7 and its derivative on transporting Evans blue liposomes into the brain. *Drug Deliv*. 2004 Sep-Oct;11(5):301-9. PubMed PMID: 15742555.

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